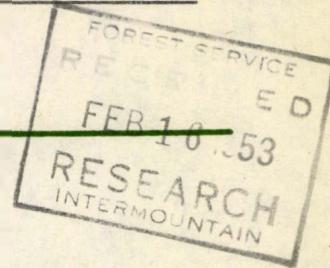
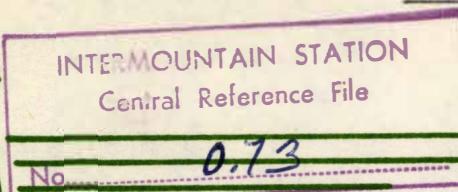


CENTRAL STATES FOREST EXPERIMENT STATION

FOREST UTILIZATION SERVICE



PROGRESS REPORT - THIRD QUARTER 1952 (July, August, September)

General.--Day devoted almost full time during the third quarter to the forthcoming Ohio Forestry, Logging, and Sawmilling Demonstration. Most industry contacts during the quarter were with equipment manufacturers and dealers in connection with this show. Organization of and preparation for the first meeting of the Ohio Valley Section of the Forest Products Research Society occupied several days. This meeting will be held in Louisville, Kentucky, October second. Some assistance in assembling utilization publications and other information was given to Dr. R. K. Winters and Max Becker of our Forest Economics Division who are leaving shortly for a two-year ECA assignment in East Pakistan. One of the projects connected with this assignment involves the establishment of a forest products laboratory. Day followed up on the plans for converting a corrugating paper plant at Coshocton, Ohio, from straw to wood as its raw material. Mr. Bamer, Plant Superintendent, advised that their Board of Directors is definitely considering the proposal and should come to a decision within the next few months. They will want some help from F.U.S. on procurement problems. Day discussed this matter with the Ohio Division of Forestry and Agricultural Experiment Station, both organizations agreeing to help out if necessary. Assistance was given to the Appalachian Hardwood Manufacturers Association, the Ohio Department of Natural Resources, and the Ohio Forestry Association on problems of wood waste utilization. Survey information was provided several industries in Ohio, Indiana, Missouri, and Illinois interested in potential hardwood supplies for their products.

Ohio Forestry, Logging, and Sawmilling Demonstration.--Over fifty equipment manufacturers, distributors, and dealers will participate in this event which is scheduled for October 15 and 16 at the Southeastern Substation of the Ohio Agricultural Experiment Station. Contrary to previous shows which have emphasized light equipment almost exclusively, this show will include considerable moderate to heavy duty logging machinery. One of the most interesting pieces of heavier equipment to be demonstrated will be the Berger air tongs, developed on the west coast for the rapid loading of small logs. The proximity of important timber-producing areas in

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western Pennsylvania, West Virginia, and eastern Kentucky should justify exhibiting this heavier machinery since these shows are usually attended by the more important timber producers within a radius of several hundred miles.

Educational exhibits by state, federal, and private forestry organizations will be more in evidence at this show than at any previous demonstration. The Ohio Agricultural Experiment Station, Ohio Division of Forestry, Ohio Forestry Association, Southeastern Regional Council, Soil Conservation Service, Forest Products Laboratory, and several private lumber companies have reserved space for such exhibits. A demonstration of the crop drier lumber kiln developed by the F.P.L. should prove of especial interest, because of the importance of custom sawing and drying for farmers in this region.

Kaskaskia Tractor Study.--Plans for the early initiation of this cooperative study with Caterpillar Tractor and Hyster suffered a setback when Torgeir Fryjordet, our Norwegian exchange student, had to return home suddenly because of illness in his family. We had been depending on "Tom" to handle much of the field recording and paper work and his departure forced us to postpone starting the study at this time. Caterpillar and Hyster are most anxious to get the work started this fiscal year since it might be difficult for them to carry over funds now set up for their share of the costs.

Carbondale Pilot Plant.--A cooperative agreement recently negotiated with the University of Southern Illinois should materially broaden the scope of this project. Under this agreement the University will provide suitable quarters for the plant and other services supplementary to our own \$35,000 appropriation. This project was established to help solve the problems of utilizing large quantities of over-mature and defective timber found in hardwood stands throughout the region. Inability to profitably harvest such timber constitutes a major deterrent to the proper management of these stands. The research program for the immediate future at least will be to search for new uses for the relatively low-grade material which will be recovered from such timber and to seek opportunities for lowering harvesting and processing costs. The University is enthusiastically cooperating in the project, recognizing the potential possibilities for expanding its vocational training program to meet the critical shortage of trained personnel in the woodworking fields.